

WE CLAIM:

1. An availability control check system, comprising:
 - a first database storing a revenue budget, the database organized into first nodes each of which stores an individually addressable budget value,
 - a second database storing revenue postings, the database organized into second nodes each storing an individually addressable aggregation of revenue, and
 - an AVC ledger comprising control objects, each control object including pointers to select nodes of the first and second databases, and AVC rules for each control object, each AVC rule including a test field identifying a test relationship that is desired to be maintained between addressed values of the first and second database and a response field.
2. The availability control check system of claim 1, further comprising an AVC manager to execute AVC rules represented by the control objects of the associated AVC rule sets.
3. The availability control check system of claim 1, wherein the control objects further comprise a field representing a filtering condition that must be met to trigger execution of a corresponding AVC rule.
4. The availability control check system of claim 1, further comprising additional AVC ledgers, each comprising control objects, each control object including pointers to select nodes of the first and second databases, and AVC rules for each control object, each AVC rule including a test field identifying a test relationship that is desired to be maintained between addressed values of the first and second database and a response field.
5. The availability control check system of claim 1, wherein the AVC ledger includes a database storing aggregations of revenue posting values and revenue budget values that are operands to the control objects and the AVC rules therein.
6. An enterprise management system, comprising:
 - a transaction manager to receive new revenue transactions posted by an organization,
 - an AVC manager, responsive to a new revenue transaction to execute an AVC rule represented by a control object, the AVC rule causing a comparison of previously-posted revenue of the organization and revenue of the new transaction with a revenue budget and, if

the comparison fails a relationship defined for the AVC rule, causing the transaction manager to reject the new revenue transaction.

7. The enterprise management system of claim 6, further comprising an AVC ledger comprising a database storing control objects and aggregations of revenue postings and revenue budget values that are operands to the control objects.

8. An enterprise management system, comprising:

a transaction manager to receive new transactions that revise previously stored revenue budget values,

an AVC manager, responsive to a new budget-revising transaction to execute an AVC rule represented by a control object, the AVC rule causing a comparison of previously-posted revenue values with revenue budget values including the revenue budget of the new transaction and, if the comparison fails a relationship defined for the AVC rule, causing the transaction manager to reject the new budget-revising transaction.

9. The enterprise management system of claim 8, further comprising an AVC ledger comprising a database storing control objects and aggregations of revenue postings and revenue budget values that are operands to the control objects.

10. An AVC method, comprising:

responsive to a proposed postings of revenue or of revenue budget, determining whether any control objects address the proposed posting,

executing AVC rules represented by each identified control object, and

if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, blocking the posting from being admitted.

11. The AVC method of claim 10, wherein the executing comprises:

generating a postings operand from an aggregation of previously-admitted postings values addressed by the control object,

generating a budget operand from an aggregation of revenue budget values addressed by the control object, the aggregation revised by the proposed posting, and

determining whether the postings operand and the budget operand satisfy a test relationship specified for the control object.

12. The AVC method of claim 10, wherein the executing comprises:
 - generating a postings operand from an aggregation of previously-admitted postings values addressed by the control object and from a new revenue posting value,
 - generating a budget operand from an aggregation of revenue budget values addressed by the control object, and
 - determining whether the postings operand and the budget operand satisfy a test relationship specified for the control object.
13. The AVC method of claim 12, further comprising storing the postings operand in a ledger storage device associated with the control object.
14. The AVC method of claim 12, further comprising storing the budget operand in a ledger storage device associated with the control object.
15. The AVC method of claim 10, further comprising performing the determining, the executing and, if necessary the blocking for each of a plurality of AVC rule sets in an enterprise management system.
16. A computer readable medium storing program instructions that, when executed, cause an executing device to:
 - responsive to a proposed postings of revenue or of revenue budget, determine whether any control objects address the proposed posting,
 - execute AVC rules represented by each identified control object, and
 - if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, block the posting from being admitted.
17. The computer readable medium of claim 16, having instructions that further cause the executing device to:
 - generate a postings operand from an aggregation of previously-admitted postings values addressed by the control object,
 - generate a budget operand from an aggregation of revenue budget values addressed by the control object, the aggregation revised by the proposed posting, and
 - determine whether the postings operand and the budget operand satisfy a test relationship specified for the control object.

18. The computer readable medium of claim 16, having instructions that further cause the executing device to:

generate a postings operand from an aggregation of previously-admitted postings values addressed by the control object and from a new revenue posting value,

generate a budget operand from an aggregation of revenue budget values addressed by the control object, and

determine whether the postings operand and the budget operand satisfy a test relationship specified for the control object.

19. The computer readable medium of claim 16, having instructions that further cause the executing device to store the postings operand in a ledger storage device associated with the control object.

20. The computer readable medium of claim 16, having instructions that further cause the executing device to store the budget operand in a ledger storage device associated with the control object.

21. The computer readable medium of claim 16, having instructions that further cause the executing device to perform the determination, the execution and, if necessary the blocking for each of a plurality of AVC rule sets in an enterprise management system.